

Title (en)

METHOD FOR TENSIONNING OF A LOAD BEARING MEMBER OF AN ELEVATOR SYSTEM

Title (de)

VERFAHREN ZUR SPANNUNG EINES LASTTRAGENDEN ELEMENTS EINES AUFZUGSSYSTEMS

Title (fr)

PROCÉDÉ POUR LA TENSION D'UN ÉLÉMENT DE SUPPORT DE CHARGE D'UN SYSTÈME D'ASCENSEUR

Publication

**EP 3403980 A3 20181212 (EN)**

Application

**EP 18172166 A 20180514**

Priority

US 201762506891 P 20170516

Abstract (en)

[origin: EP3403980A2] A method of tension adjustment for a load bearing member of an elevator system includes measuring a load on a load bearing member of an elevator system via a load cell operably connected to the load bearing member, the load cell and the load bearing member connected to an elevator car disposed in a hoistway, the measured load equated with a tension of the load bearing member. The measured tension to a preselected range and an adjustment of the tension of the load bearing member is determined. Adjustment instructions are communicated to a handheld electronic device and the communicated adjustment instructions are performed thereby adjusting the tension of the load bearing member to within the preselected range.

IPC 8 full level

**B66B 7/10** (2006.01)

CPC (source: CN EP KR US)

**B66B 1/3476** (2013.01 - CN); **B66B 1/3484** (2013.01 - KR); **B66B 5/0018** (2013.01 - US); **B66B 5/0087** (2013.01 - US); **B66B 7/062** (2013.01 - KR); **B66B 7/08** (2013.01 - EP); **B66B 7/10** (2013.01 - CN KR US)

Citation (search report)

- [I] JP 5268978 B2 20130821
- [A] US 2014167980 A1 20140619 - SONNEBORN STEPHAN [DE], et al
- [A] JP H07206319 A 19950808 - MITSUBISHI ELECTRIC BILL TECH
- [A] US 6123176 A 20000926 - O'DONNELL HUGH J [US], et al
- [A] US 5149922 A 19920922 - KONDOU TAMAITI [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3403980 A2 20181121**; **EP 3403980 A3 20181212**; **EP 3403980 B1 20220126**; AU 2018203458 A1 20181206; AU 2018203458 B2 20240502; CN 108861961 A 20181123; CN 115893152 A 20230404; KR 102581247 B1 20230921; KR 20180125898 A 20181126; US 11124384 B2 20210921; US 2018334358 A1 20181122

DOCDB simple family (application)

**EP 18172166 A 20180514**; AU 2018203458 A 20180516; CN 202211660671 A 20180515; CN 202211660671 A 20180515; KR 20180055274 A 20180515; US 201815981207 A 20180516